



Routers

Powerful tools spin cutting bits that remove material from wood workpieces to profile edges, create grooves and slots, cut joints, and trace shapes. Routers are corded for long run times and have no batteries that need recharging.



Fixed Base—Design locks the router body and the bit at set height for precise routing of workpiece edges. Routers are commonly used with guide bushings to cut along jigs and templates.

Plunge Base—Allows vertical movement of the router body to lower the bit into material anywhere along the top surface. Routers make grooves, insets, mortises, and other interior cuts. They can also do edgework but not as precisely as fixed-base routers.

Fixed and Plunge—Routers have a fixed base for edgework and a plunge base for interior cuts.

HP	Current	Number of Speed Settings	Number of Bases Included	Collet Size	Plunge Depth Capacity	Handle Type	Start Type	Tool Weight	Brand	Item No.
Compact Fixed Base Type										
1 hp	5.6 A	6	1	1/4 in	—	Palm Grip	Soft-Start	3.3 lb	Bosch	45CR54
1 1/4 hp	7 A	6	1	1/4 in	—	Palm Grip	Soft-Start	4.6 lb	DeWalt	5NAJ8
1 1/4 hp	7 A	6	1	1/4 in	—	Palm Grip	Soft-Start	4.4 lb	Bosch	446P20
Plunge Base Type										
1 1/4 hp	6.5 A	6	4	1/4 in	1 3/8 in	Palm Grip	Soft-Start	3.9 lb	Makita	34G803
1 1/4 hp	8 A	1	1	1/4 in	1 3/8 in	Double Grip	Instant Start	6 lb	Makita	14F181
Fixed and Plunge Base Type										
1 1/4 hp	7 A	6	2	1/4 in	1 1/2 in	Double Grip	Soft-Start	4.6 lb, 6.2 lb	DeWalt	5NAJ9
Mid-Size Fixed Base Type										
1 3/4 hp	11 A	1	1	1/4 in, 1/2 in	—	Double Grip	Instant Start	7.1 lb	DeWalt	3HA91
2 1/4 hp	12 A	6	1	1/2 in	—	Double Grip	Soft-Start	8.3 lb	Bosch	3TXE5
2 1/4 hp	12 A	6	1	1/4 in, 1/2 in	—	Double Grip	Soft-Start	7.2 lb	DeWalt	3HA93
2 1/4 hp	13 A	36	1	1/4 in, 1/2 in	—	Double Grip	Soft-Start	8.8 lb	Milwaukee	38D247
2 3/8 hp	15 A	6	1	1/2 in	—	Double Grip	Soft-Start	9.3 lb	Bosch	45CR55
Plunge Base Type										
2 hp	10 A	6	1	1/4 in, 1/2 in	2 1/4 in	Double Grip	Soft-Start	9 lb	DeWalt	3MM54
2 3/8 hp	15 A	6	1	1/2 in	3 in	Double Grip	Soft-Start	12.6 lb	Bosch	45CR56
Fixed and Plunge Base Type										
1 3/4 hp	11 A	2	2	1/4 in, 1/2 in	2 1/2 in	Double Grip	Instant Start	10 lb	DeWalt	3CA68
2 1/4 hp	11 A	6	1	1/4 in, 1/2 in	2 3/8 in	Double Grip	Soft-Start	7.2 lb	Makita	14F180
2 1/4 hp	12 A	6	2	1/4 in, 1/2 in	2 1/2 in	Double Grip	Soft-Start	10.1 lb	DeWalt	3HA94
2 1/4 hp	12 A	6	3	1/4 in, 1/2 in	2 1/2 in	D-Handle	Soft-Start	10.1 lb	DeWalt	4DV45
Full-Size Fixed Base Type										
—	15 A	36	1	1/4 in, 1/2 in	—	Double Grip	Soft-Start	11.8 lb	Milwaukee	1ED58
Plunge Base Type										
3 hp	15 A	7	1	1/4 in, 1/2 in	3 3/8 in	Double Grip	Soft-Start	13.7 lb	DeWalt	786VM0
3 1/4 hp	15 A	1	1	1/4 in, 1/2 in	2 3/4 in	Double Grip	Soft-Start	13.4 lb	Makita	14F182
3 1/4 hp	15 A	6	1	1/4 in, 1/2 in	2 3/4 in	Double Grip	Soft-Start	13.4 lb	Makita	14F183



Cutter Dia.	Length of Cut	Overall Length	Shank Dia.	No. of Flutes	Brand	Item No.
Drawer and Lock						
2 in	1/2 in	2 1/2 in	1/2 in	2	Cmt	45DK94
Flush Trim						
1/4 in	1/4 in	1 1/4 in	1/4 in	1	Westward	16Y561
	3/4 in	2 1/4 in	1/4 in	1	Cmt	22ED02
	1 in	2 1/2 in	1/4 in	2	Cmt	22EC96
	1 in	2 5/8 in	1/4 in	2	Westward	16Y589
3/8 in	1/2 in	2 1/8 in	1/4 in	2	Bosch	41HP97
	1 in	2 1/2 in	1/4 in	2	Westward	16Y538
	1 in	2 3/8 in	1/4 in	1	Freud	53DJ31
	3/4 in	2 1/4 in	1/4 in	2	Cmt	9XUH4
1/2 in	1 in	2 1/2 in	1/4 in	2	Bosch	41HP95
	1 in	2 1/2 in	1/4 in	2	Westward	16Y549
	1 in	2 3/8 in	1/4 in	2	Westward	16Y531
	1 in	2 1/4 in	1/4 in	1	Freud	53DJ33
	2 in	4 1/8 in	1/2 in	1	Freud	53DJ37

BOSCH freud WESTWARD ONSRUD

Profile Router Bits

- For additional Router Bits see page 2190
- Use to create a decorative edge on a workpiece in woodworking and light manufacturing applications. They attach to a compatible router and are moved along the outside edge to make a contoured cut.

Cutter Dia.	Length of Cut	Overall Length	Shank Dia.	No. of Flutes	Brand	Item No.
Hinge Mortise						
3/8 in	1/4 in	2 1/2 in	1/4 in	2	Cmt	22ED02
Rail and Stile						
1 1/2 in	3/4 in	3 in	1/2 in	2	Bosch	499K76
Roundover						
3/4 in	1 1/2 in	2 1/2 in	1/4 in	2	Westward	16Y565
1 in	1 1/2 in	2 1/2 in	1/4 in	2	Freud	53DJ18
1 in	1 1/2 in	2 1/2 in	1/4 in	2	Westward	16Y536
1 1/2 in	1 1/2 in	2 1/2 in	1/4 in	2	Freud	53DJ19
1 1/2 in	3/4 in	2 1/2 in	1/4 in	2	Freud	53DJ22

Cutter Dia.	Length of Cut	Overall Length	Shank Dia.	No. of Flutes	Brand	Item No.
Straight						
1/8 in	1/2 in	2 in	1/4 in	1	Bosch	499K67
1/8 in	1/2 in	2 in	1/4 in	2	Bosch	499K80
1/8 in	1/2 in	2 in	1/4 in	1	Onsrud	6RRK1
1/8 in	3/4 in	1 1/2 in	1/4 in	1	Onsrud	6RRK7
3/16 in	3/4 in	1 1/2 in	1/4 in	1	Onsrud	6RRK0
3/16 in	1 1/2 in	1 1/2 in	1/4 in	1	Onsrud	6RRK9
3/16 in	2 in	1 1/2 in	1/4 in	2	Cmt	22ED30
3/16 in	2 1/2 in	1 1/2 in	1/4 in	1	Onsrud	6RRK8
3/16 in	3 1/4 in	1 1/2 in	1/4 in	1	Onsrud	6RRK5
1 in	2 1/2 in	1 1/2 in	1/4 in	2	Westward	16Y583
1 in	2 1/2 in	1 1/2 in	1/4 in	2	Cmt	9XVG7
1 in	2 1/2 in	1 1/2 in	1/4 in	1	Onsrud	6RRK6
1 in	2 1/2 in	1 1/2 in	1/4 in	2	Bosch	499K82
1 in	2 1/2 in	1 1/2 in	1/4 in	2	Freud	53DH89
1 in	3 1/4 in	1 1/2 in	1/4 in	2	Westward	16Y634
1 1/4 in	2 1/2 in	1 1/2 in	1/4 in	1	Onsrud	6RRK2
3/8 in	1 in	3 3/8 in	3/8 in	1	Bosch	499K70
3/8 in	1 in	2 1/4 in	1/4 in	2	Bosch	499K65
1/2 in	1 in	2 1/2 in	1/4 in	2	Bosch	41HP94
1/2 in	1 in	2 1/2 in	1/4 in	2	Freud	53DH94
1/2 in	1 in	2 1/2 in	1/4 in	2	Westward	16Y586
1/2 in	1 in	2 1/2 in	1/4 in	1	Freud	53DJ40
1 1/4 in	3 1/4 in	1 1/2 in	1/4 in	2	Cmt	22EC71
2 1/2 in	4 in	1 1/2 in	1/2 in	2	Cmt	22EC81
3/4 in	1 1/2 in	3 in	1/2 in	2	Freud	53DJ01
V-Groove						
3/4 in	3/8 in	2 1/2 in	1/2 in	2	Cmt	22EC75

Laminate Trimmers

A clear sub-base provides a clear view of the trimming edge, while 30RV92 to 30RV95 add an LED light for added visibility and a spindle lock button to ease bit changeouts. All models are corded for long run times and have no batteries that need recharging.



Amps @ 120V	No Load RPM	Switch	Tool Length (in)	Tool Weight (lb.)	Includes	Brand	Item No.
4	30,000 RPM	Toggle	7 1/2 in	3.3	1/4 in Collet, Chip Deflector, Straight Bit 6E, Template Guide, Trimmer Guide, Spanner Wrench	Makita	14G989
4.5	31,000 RPM	On/Off	4 1/4 in	3.4	Collet Wrench, Motor, Standard Base	DeWalt	30RV92
4.5	31,000 RPM	On/Off	4 1/4 in	3.4	Collet Wrench, Motor, Standard Base, Straight Edge	Porter Cable	30RV94
5.6	16,000 to 35,000	On/Off	4 1/4 in	3.4	Collet Wrench, Motor, Standard Base, Straight Edge	Porter Cable	30RV95

Dayton DREMEL

Engravers and Bits

Corded for long run times and no batteries that need recharging. 499F76 features a variable speed control and replaceable motor brushes for long life. 54XT81 and 12T034 allow for stroke adjustments to regulate the engraving depth. Dayton models can engrave most surfaces while 54XT81 engraves metal, leather, plastic, and wood. Carbide Engraving Bit 1UH83 can create fine lines to deep grooves, while Diamond Engraving Bit 1UH84 is for hard-surface engraving applications.

Strokes per Min.	Amps @ 120V	Tool Length	Tool Wt.	Brand	Item No.
Engravers					
Cordless					
2200	1 A	9 in	2 lb	Dayton	499F76
3600/7200	0.5 A	5.014 in	0.45 lb	Dremel	54XT81
3300	—	7.25 in	0.4 lb	Dayton	12T034
Accessories					
Engraving Bit for Normal Use				Dremel	1UH83
Engraving Bit for Continuous Use				Dremel	1UH84